

Focus Area 16: Maternal, Infant, and Child Health

Objective 16-2b targets the reduction in deaths among children aged 5-9 years to a rate of 13.0 per 100,000 population.

A total of 328 deaths among children aged 5-9 were reported in 2004 at a rate of 12.9 per 100,000 population (Figure 16-2b, Table 16-2b). No significant trend was found in death rates for children of this age since 2000, and the HP2010 objective has been achieved as of 2004.

Examined by gender, death rates for males aged 5-9 (14.1 per 100,000 in 2004) were significantly higher than those for females aged 5-9 (11.7 per 100,000 in 2004). The HP2010 objective is being achieved for females, but not for male children aged 5-9.

Data by race-ethnicity show that the highest reliable death rates among children aged 5-9 were for African Americans/Blacks (20.0 per 100,000 population in 2004). Although declining, these rates were significantly higher than the child death rates for all other racial and ethnic populations, and significantly higher than the HP2010 target. Death rates among Asian children aged 5-9 increased significantly from 10.6 per 100,000 in 2000 to 14.9 per 100,000 in 2004, and are moving away from the HP2010 target. Death rates for White children aged 5-9 (14.4 per 100,000 in 2004) have also increased and are moving away from the HP2010 target. The HP2010 objective is being met for Hispanic/Latino children aged 5-9 (10.9 per 100,000 in 2004). Unreliable death rates due to a small number of events were found for American Indian/Alaska Native, Pacific Islander, and Multirace children aged 5-9 years, and are not reported here.

For more information on child deaths in California, visit the Maternal and Child Health Branch Web site at:

<http://www.mch.dhs.ca.gov/>

For more information on Healthy People 2010 objective 16-2b please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/16MICH.htm#_Toc494699661

and

<http://www.healthypeople.gov/Document/html/tracking/od16.htm#fetaldeaths>

Figure 16-2b
Child Death Rates, Ages 5-9
California, 2000-2004

Healthy People 2010 Objective = 13.0

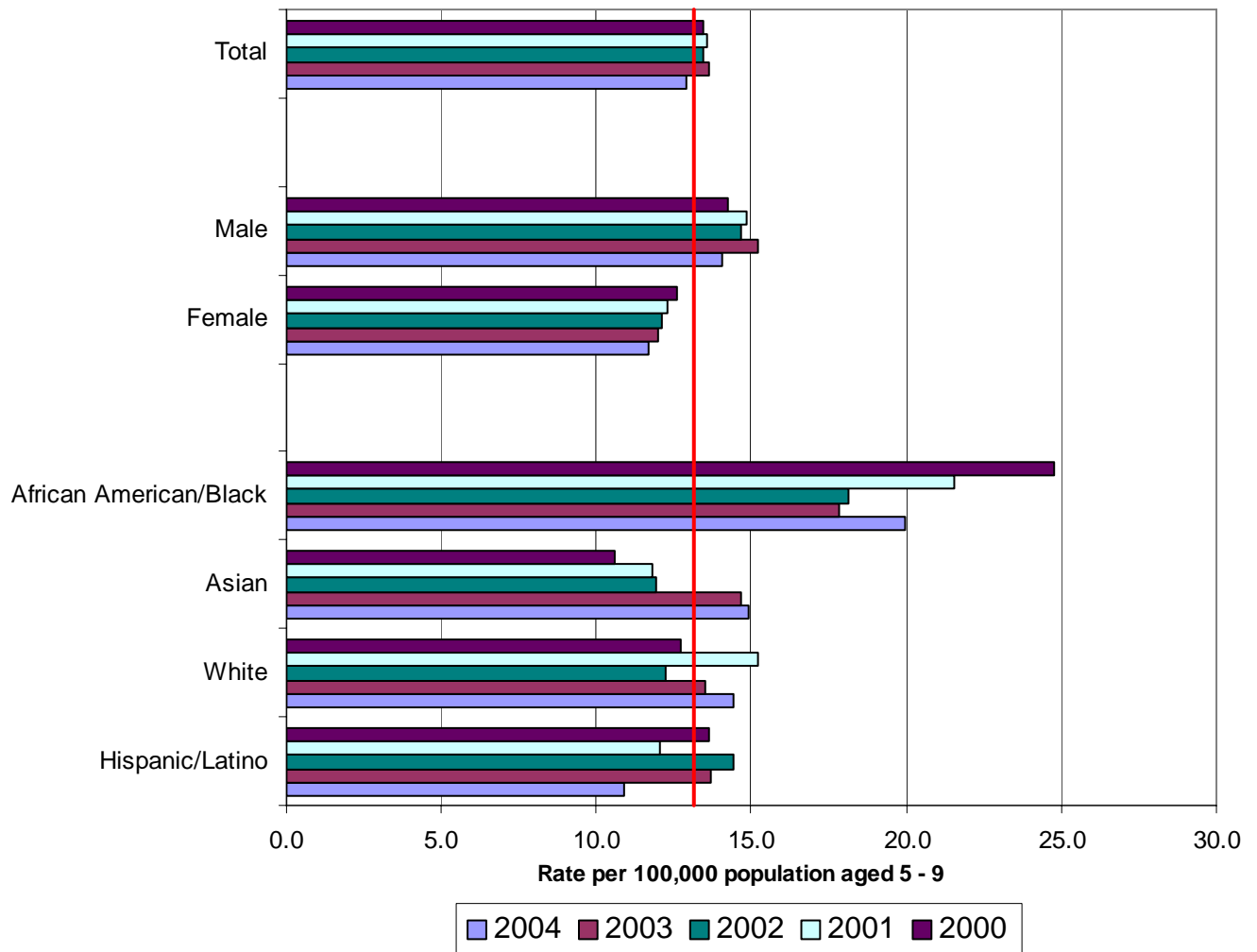


Table 16-2b: Deaths and Death Rates Among Children Aged 5- 9 Years, California 2000-2004

Objective 16-2b	2000 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2001 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		13.0				13.0		
Statewide Total	365	13.4	12.1	14.8	365	13.6	12.2	15.0
Race-Ethnicity								
African American/Black	49	24.8	17.8	31.7	42	21.5	15.0	28.0
American Indian/Alaska Native	2	DSU	-----	-----	2	DSU	-----	-----
Asian	26	10.6	6.5	14.7	29	11.8	7.5	16.1
Hispanic/Latino	169	13.7	11.6	15.7	150	12.0	10.1	14.0
Pacific Islander	1	DSU	-----	-----	1	DSU	-----	-----
White	118	12.7	10.4	15.0	135	15.2	12.7	17.8
Multirace	0	0.0	0.0	0.0	5	DSU	-----	-----
Gender								
Female	167	12.6	10.7	14.5	161	12.3	10.4	14.2
Male	198	14.2	12.2	16.2	204	14.8	12.8	16.9

Objective 16-2b	2002 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2003 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		13.0				13.0		
Statewide Total	355	13.4	12.0	14.8	355	13.6	12.2	15.1
Race-Ethnicity								
African American/Black	35	18.2	12.1	24.2	34	17.8	11.8	23.8
American Indian/Alaska Native	3	DSU	-----	-----	0	0.0	0.0	0.0
Asian	29	11.9	7.6	16.2	35	14.7	9.8	19.5
Hispanic/Latino	179	14.4	12.3	16.5	168	13.7	11.6	15.7
Pacific Islander	1	DSU	-----	-----	2	DSU	-----	-----
White	104	12.2	9.9	14.6	112	13.5	11.0	16.0
Multirace	4	DSU	-----	-----	4	DSU	-----	-----
Gender								
Female	156	12.1	10.2	14.0	152	12.0	10.1	13.9
Male	199	14.7	12.6	16.7	203	15.2	13.1	17.3

Objective 16-2b	2004 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
Healthy People 2010 Target		13.0				
Statewide Total	328	12.9	11.5	14.3	ns	Yes
Race-Ethnicity						
African American/Black	37	20.0	13.5	26.4	ns	No
American Indian/Alaska Native	1	DSU	-----	-----	n/a	Unk
Asian	35	14.9	10.0	19.9	Sig. +	No
Hispanic/Latino	132	10.9	9.1	12.8	ns	Yes
Pacific Islander	1	DSU	-----	-----	n/a	Unk
White	115	14.4	11.8	17.1	ns	No
Multirace	7	DSU	-----	-----	n/a	Unk
Gender						
Female	145	11.7	9.8	13.6	Sig. -	Yes
Male	183	14.1	12.0	16.1	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Includes all causes of death, ICD-10 codes A00 - Z99.

1 Rate per 100,000 population aged 5 - 9 years.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points).

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).

Sig. + Statistically significant increase in age-specific death rates from 2000 to 2004.

Sig. - Statistically significant decrease in age-specific death rates from 2000 to 2004.